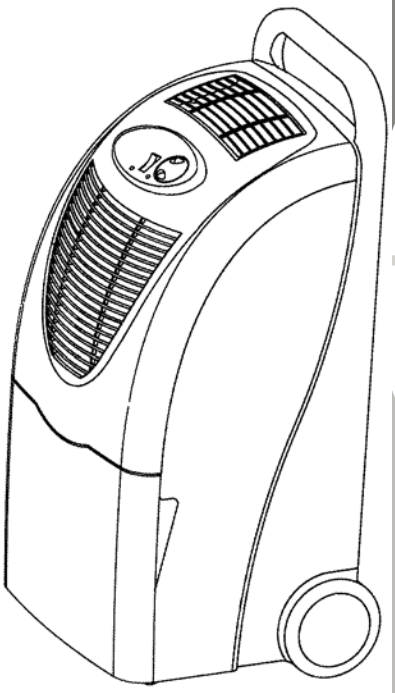
AMCOR HD220H/320H

DEHUMIDIFIER



INSTRUCTION MANUAL

IT IS IMPORTANT THAT YOU READ THESE INSTRUCTIONS BEFORE USING YOUR NEW DEHUMIDIFIER AND WE STRONGLY RECOMMEND THAT YOUR KEEP THEM IN A SAFE PLACE FOR FUTURE REFERENCE

THANK YOU

Thank you for choosing this innovative Amcor dehumidifier. The instruction manual describes the many benefits and advanced features that this unique product has to offer. Before you use your new dehumidifier you should carefully read the instructions to get long lasting results from this excellent product. We suggest that you keep the manual in a safe place for future reference.

For over 50 years, Amcor has specialised in complete indoor environment control, manufacturing dehumidifiers, portable air conditioners, coolers, air purifiers/ionisers and aromatherapy products. These World class products incorporate the latest technological developments and are designed to create a quality environment.

HOW IT WORKS

Your Amcor dehumidifier draws in air through the lower front panel onto a refrigerated cold grill. As the air in the room passes over the cold surface moisture condenses and collects into a front loading removable high capacity 7-litre water tank. The dry air is then expelled through the front upper grill back into the room.

The Amcor dehumidifier fights condensation, mould and dampness throughout the house

– And it is also great for drying the laundry!

Your Amcor dehumidifier may incorporate a fragrance emitter (selected models) located on the back of the unit. When the fragrance is no longer noticeable, the fragrance capsule should be replaced by a fresh one. To change capsules, Rotate the knob located on the back of the unit anticlockwise and insert a new capsule which can be ordered from Amcor help-line

SAVE ENERGY
Did you know it takes less heat to warm dry air than damp humid air!

POSITIONING YOUR DEHUMIDIFIER

Your Amcor dehumidifier will begin to protect your home from the harmful effects of excessive moisture as soon as it is turned on.

Excess moisture will travel throughout your home, in the same way that cooking smells spread to every room in the house. For this reason, the dehumidifier should be positioned in a central and clear location so that it can draw this moist air towards it from all over the home. A warm hallway or landing is an excellent position for your dehumidifier. If possible leave interior doors partly open. Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier close to this area and later moving it to a more central point. Do not place directly against a radiator or other heat source.

For the most efficient use, outside doors and windows should be kept closed when the dehumidifier is operating.

When positioning your Amcor dehumidifier, ensure that it is placed on a level surface clear of any obstacle that may limit the air movement.

Your Amcor dehumidifier is fitted with 2 front castors and 2 large integrated back wheels for easy movement including stairs.

If you move the unit, it should first be switched off and the water tank emptied. A cable tidy is conveniently located at the back of the unit for storage of the cable when the unit is not being used.

CONNECTING TO THE MAINS SUPPLY

The first time that you use the unit please ensure that it has been standing for at least 2 hours in an upright position before it is switched on.

Plug the unit into a properly earthed mains socket.

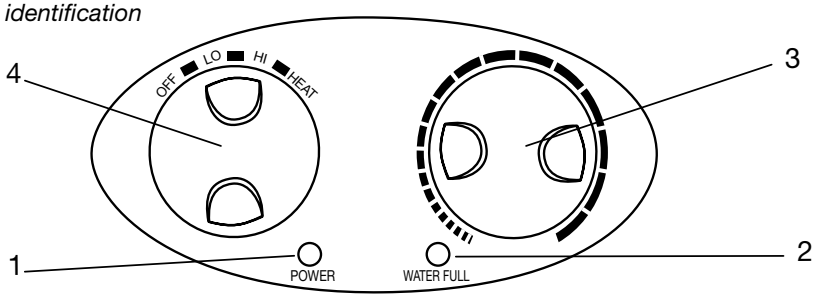
Your Amcor dehumidifier is now ready for use.

Please note: If the supply cord is damaged, it must be replaced by an approved service representative or a similar qualified person in order to avoid a hazard.

IMPORTANT: THIS UNIT SHOULD NOT BE USED AT TEMPERATURES BELOW 5°C.

CONTROLS

Parts identification



1. Power ON/OFF indicator light

2. Water tank full indicator – when lit, tank may be full or incorrectly positioned

3. Humidistat selector knob

Function: Controls room relative humidity between 40 % - 80 %.
(When the relative humidity in a room is lower than the selected humidity, the compressor will stop running.)

4. Power ON/OFF switch & Fan speed selector switch OFF/LO/HI/HEAT

Functions: Sets operating condition of unit as below.

OFF	Unit is off. There is no moisture removal activity.
LO	Unit works only as dehumidifier at low fan speed (quieter operation).
HI	Unit works only as dehumidifier at high fan speed (quicker moisture removal).
HEATER	Unit works with the 800W HEATER ONLY when the humidistat 3 is turned fully clockwise.

For the DEHUMIDIFIER and 800W HEATER to WORK TOGETHER
when dehumidification is required, choose the heat mode with knob 4 and turn the humidistat 3 to the preferred humidity setting.

When the heater is running by default the fan will always run at high speed.

PLEASE NOTE

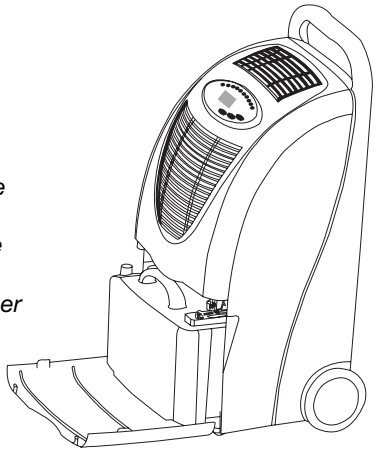
When the unit is running in Lo, Hi or Heat mode the fan will always run – even if the compressor switches off as the unit achieves the desired humidity level.
To switch off the fan turn knob 4 to the OFF position

SAFETY WARNING:

Do not dry clothes on the unit or too close to it when the heater is in operation.

Emptying the Water Container

When the water container is full the water full indicator light will illuminate and the unit will automatically shut off. ***Wait a few minutes to allow the water to finish draining into the water container.*** *To remove the water container, pull the lower front panel forward. Pull out and lift the water tank by the handle and carry it away for emptying. Gently replace the container and close the lower front panel. When the tank is properly inserted both the hole and the float mechanism in the container will be located directly beneath the drainage spout and the water full indicator light will go out.*



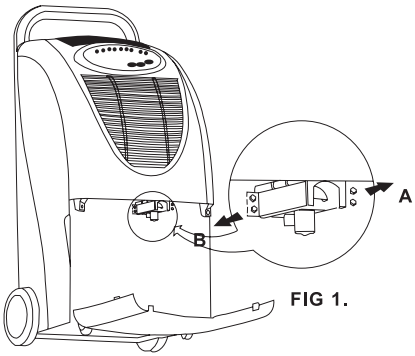


FIG 1.

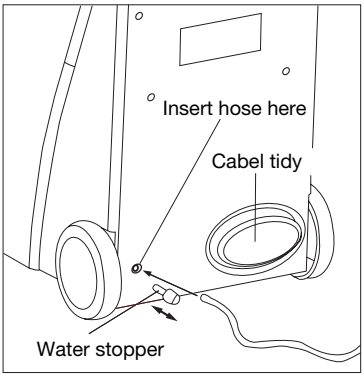


FIG 2.

Continuous Drainage Option

This unit can alternatively be used with a continuous drainage hose as follows:

- *Remove the water container from the unit.*
- *Pull the funnel selector to the continuous drainage position A as shown in fig 1. It should be pulled forward and clicked into position. This avoids any leakage.*
- *Pull out the water stopper at the back of the water unit (fig 2) and insert a 6mm diam eter (1.5mm thick) hose over the spout.*
- *Place the other end of the hose in a drain, ensuring that it is not twisted or folded.*
- *The pipe must be positioned so that there is a gradual downward slope from the connec tion point to the drain.*
- *Ensure that the outlet of the drainage pipe is not under the water level in the drain.*
- *Replace the water container.*

Note: In very cold weather conditions precautions should be taken to prevent the drainage pipe from freezing.

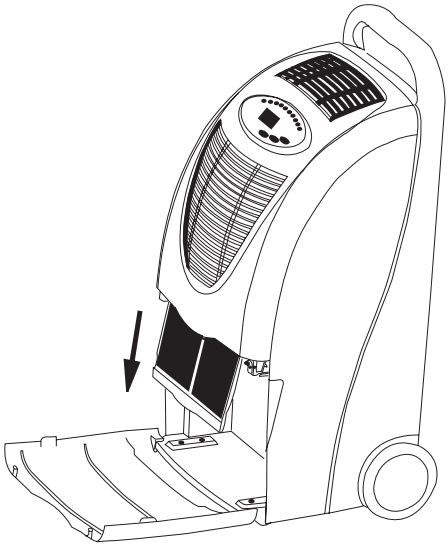
To return to water tank use, push the funnel selector to position B (fig 1) and reinsert the water stopper (fig 2).

Washing and changing the Filters

The Amcor dehumidifier features two filters: a ***replaceable activated carbon filter*** *to remove odours and a* ***washable high efficiency dust filter*** *to purify the air. It is recommended to clean the washable air filter at regular intervals depending upon how frequently the unit is used, at least once a month.*

To do this, first remove the water tank. Pull down and remove the filter-housing unit that incorporates both filters. Push the filter locks on either side of the filter-housing unit and remove the filter fame. Take the carbon filter out of the housing unit. The dust filter can then be washed under running water. It must be dried before inserting it back into the unit. ***The carbon filter cannot be washed*** *but can be vacuum cleaned. It is recommended to replace the carbon filter every 12 months, depending upon how frequently the unit is used. Replace the filter frame with the word front outside.*

For replacement filters please contact the Amcor hotline number indicated on the back plate.



TECHNICAL DATA FOR THE HD220H/H320H

- Mains: 230V – 50Hz
- Water extraction per day: 22 litres **HD320H**; 14 liters **HD220H** - per day @ (32°C 90%RH)
  15 litres **HD320H**; 9 liters **HD320H** - per day @ (30°C 70%RH)
- Water tank capacity: 7 litres
- Refrigerating agent: R134a
- Operating temperature range: 5°C - 35°C
- Power consumption: 370W **HD320H**; 230W **HD220H** @ (30°C 70%RH)
- Maximum airflow: 180 m3 / Hr - **HD320H**; 160 m3 / Hr - **HD220H**
- Dimensions of unit: 34.5cm (W) x 72.2cm (H) x 32.5cm (D)
- Wheel diameter: 12cm
- Weight: 21.5 Kg - **HD320H**; 18 Kg - **HD220H**

TROUBLE SHOOTING

If the product is used according to this manual you should enjoy trouble free use.

In case of difficulty please check the following points and refer to the Amcor Help line should you need further assistance?

Problem	Check	Remedy
Product does not start	Is the “power” light on?	Make sure the unit is plugged in to a live mains socket.
	Is the “water full” light on?	Make sure the container is empty of water and fitted properly in position. Make sure the float in the water container is attached and not broken
Water is leaking outside of the water tank in continuous drainage mode?	Is the continuous drainage funnel selector properly positioned?	Ensure that the drainage funnel selector is pulled forward and clicked into position. To return the unit to water tank use, push the funnel selector back into the unit until it clicks and re-insert the stopper. Check there are no blockages to the flow out of the funnel.
	Has the unit been running in cold temperatures under 5ºC?	Switch off for 2 hours to defrost in an area where a water leak will not cause damage and only run the unit in a heated room above 5ºC
	Has the container been removed for emptying straight after the unit was running?	Wait a few minutes to allow possible ice and condensation within the unit to flow into the container after switching off the unit.
Reduced water extraction	Is the humidity knob 3 turned too far anticlockwise turning the compressor off when the humidity is still higher than required?	Turn the humidistat knob (3 on controls page) clockwise to a make the dehumidifier extract water down to a lower relative humidity or fully clockwise to the continuous setting.
	Is the air already relatively dry?	Water extraction rate is reduced when the humidity level is reduced e.g. when the air temperature is low.
	Is the unit running in a cold room? Generally the colder the air the less moisture will be removed.	Ensure that the unit is operating in a heated room above 5ºC. Switch off for 2 hours to defrost and restart with the heater switched on.
	Are the filters blocked?	Washable air filter may need cleaning. Activated carbon filter (where fitted) may need replacing.
Not collecting water	Is the “water full” light on?	Make sure the container is empty of water and fitted properly in position.

AMCOR

www.amcorgroup.com

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